

Abstract

What is claimed is a novel plant phospholipase D
activity-containing protein fraction which is derived
5 from representatives of the Papaveraceae family, and,
in particular, from *Papaver somniferum*, and which is
composed of two protein subfractions A and B whose
molecular masses are, in particular, 116.4 kDa and,
respectively, 114.1 kDa, which have isoelectric points,
10 pI, of 8.7 and, respectively, 6.7 and which have
hydrolytic activity optima at pH 8.0 and, respectively,
5.5. The two subfractions are activated by Zn^{2+} ions, in
particular, and constitute two isoenzymes. This protein
fraction is used, in particular, for hydrolyzing and/or
15 transphosphatidylating phospholipids and their lyso
forms.